

**IN THE SPECIFICATION**

Please delete the following text on page 8, lines 12-34:

FIGURE 3 is a graph illustrating the percentage of rat hepatocytes viable after up to 21 hours of circulation of a population of hepatocytes through the device of FIGURE 1. Viability was determined by trypan blue exclusion.

FIGURE 4 is a graph illustrating the percentage of porcine hepatocytes viable after up to 6 hours of circulation of a population of hepatocytes through the device of FIGURE 1.

FIGURE 5 is a graph illustrating the percentage of rat hepatocytes after up to 6 hours of circulation of a population of hepatocytes through the device of FIGURE 1 as used for *in vivo*, extracorporeal purification of plasma of a male pig.

FIGURE 6 is a graph illustrating the extent to which ammonia concentration within fluid circulating through the blood loop of the device of FIGURE 1 decreased over time with circulation of a population of rat hepatocytes through the hepatocytes loop of FIGURE 1.

FIGURE 7 is a graph illustrating the extent to which the urea concentration within the fluid circulating through the blood loop of the device of FIGURE 1 increased over time with circulation of a population of rat hepatocytes through the hepatocytes loop of FIGURE 1.